Name:

*Mr. Tiénou-Gustafson, Mr. Bielmeier*

Geometry, Period

Due Date: Thu, 18 Sep 2014

**Geometry**

**Homework**



**Failure to show work and write in complete sentences will result in a LaSalle. Answers should be boxed.**

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| Use the number line below to answer questions 1 – 4. | |
| 1. What is the distance, in coordinate units, between points *A* and *B*? | 2. What is the distance, in coordinate units, between points *B* and *E*? |
| 3. How much longer is *AD* than *BE*? | 4. How much longer is *CD* than *DE*? |
| Use the description of a number line below to answer questions 5 – 8. Sketch the number line below before answering the questions. (Your line does not need to be to scale. Be sure to label the line that is 0 in addition to the numbers below.)    *On a number line, point W is located at 3, X is located at –5, Y is located at –16, and Z is located at 11.* | |
| 5. What is the distance, in coordinate units, between points *W* and *Z*? | 6. What is the distance, in coordinate units, between points *Y* and *Z*? |
| 7. How much longer is *WY* than *XZ*? | 8. How much longer is *YZ* than *WX*? |

Challenge!

